

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application:

1. (currently amended) Display device in which the colour at a point is obtained by the combination of at least one first (α) and one second (β) primary colours, **wherein** ~~characterized by~~ **the display device comprising** means for modifying the hue of the first primary colour (α).

2. (currently amended) Display device according to Claim 1, comprising :

- means of reception (~~36~~) of a video signal (\vec{V}_{RGB}),
- means of determination (~~30~~) of the hue of the first primary colour (α) as a function of the video signal (\vec{V}_{RGB}).

3. (currently amended) Display device comprising means of generation of a periodic coloured beam (~~8~~) and means of modulation (~~16~~) of the coloured beam as a function of a received video signal (\vec{V}_{RGB}), the coloured beam taking successively at each period a plurality of primary colours (α, β, γ), **wherein** ~~characterized by~~ **the display device comprising** means for modifying the hue of at least one of the said primary colours (α, β, γ).

4. (currently amended) Display device according to Claim 3, comprising means of determination of the said hue as a function of the received video signal (\vec{V}_{RGB}).

5. (currently amended) Display device according to Claim 3, in which the means of generation comprise a first (~~12~~) and a second (~~14~~) coloured wheels successively traversed by a luminous beam (~~6~~), each coloured wheel (~~12, 14~~) carrying a plurality of coloured filtering sectors (~~Y, C, M~~) and being driven in rotation, and in which the

position (Φ) of the second coloured wheel (14) relative to the first coloured wheel (12) is variable.

6. (currently amended) Display device according to Claim 5, comprising means of determination of the said position (Φ) as a function of the received video signal (\vec{V}_{RGB}).

7. (currently amended) Display device according to ~~one of~~ Claims 3 to 6, comprising means of processing (32) the video signals (\vec{V}_{RGB}) received as a function of the said hue.

8. (currently amended) Display device according to Claim 7, in which the means of processing (32) generate data ($\vec{V}_{\alpha\beta\gamma}$) intended for the means of modulation (16).

9. (currently amended) Display device comprising means of generation of a coloured beam (8) and means of modulation (16) of the coloured beam (8), the means of modulation (16) generating during a determined duration an image to be displayed in a determined colour ($\alpha_{\Phi 1}; \beta_{\Phi 1}; \gamma_{\Phi 1}$), wherein ~~characterized in that~~ the coloured beam (8) takes successively at least two distinct colours (~~G, Y; R, M; B, C~~) during the determined duration (~~T₁; T₂; T₃~~) so as to obtain the determined colour ($\alpha_{\Phi 1}; \beta_{\Phi 1}; \gamma_{\Phi 1}$) as resultant.

10. (currently amended) Display device according to Claim 9, in which the coloured beam (8) takes one at least of the said distinct colours (~~G, Y~~) for a variable duration (~~t₁₁; t₁₂~~) so as to vary the said determined colour ($\alpha_{\Phi 1}$).